



An Informative Full-day Seminar:

Industrial Laser Safety

1 Who Should Attend . . .

This seminar is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about liability and workers' compensation costs.
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work.
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA).

2 Why You Need This Seminar . . .

- ▶ To reduce disabling injuries and illnesses to employees - and to ensure that every worker goes home safe and healthy every day.
- ▶ To reduce the high costs of work-related injuries. Nationally, employers spent an estimated 50.8 billion on wage payments and medical care for workers hurt on the job (*Liberty Mutual Safety Index 2005*). This is only a portion of the total costs of work-related injuries. Indirect costs such as overtime, training, and lost productivity can also burden employers.
- ▶ To enhance your company's bottom line. A strong safety and health commitment not only protects workers, it also reduces workers' compensation costs, improves employee morale, and increases production and quality.

3 What You'll Learn . . .

Currently no MIOSHA standards exist regulating industrial laser use besides the duty of employers to protect their employees from the possibility of injury or illness. This class is designed to provide Michigan employers with a basic understanding of the requirements they will need to meet in order to protect their employees and eliminate laser safety and health hazards. This class will review the safety and health hazards commonly associated with industrial laser applications and usage, classifications, nominal hazard zones, laser officer responsibilities, training and guarding, MIOSHA compliance requirements, and other applicable consensus standards.

Participants will:

- ▶ Identify the major laser hazard classifications.
- ▶ Discuss the basic operation of and major uses of lasers.
- ▶ Identify laser related hazards.
- ▶ Discuss laser beam injuries and laser related accidents.
- ▶ Review applicable MIOSHA standards and voluntary compliance information available.
- ▶ Describe the responsibilities of a Laser Safety Officer (LSO).
- ▶ Discuss what is meant by a nominal hazard zone.
- ▶ Discuss laser training specifics (LSO, Maintenance, Operator Level).
- ▶ Identify laser related resources and references (e.g. SOP example and sample program).

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call 517.322.1809. The Department of Licensing and Regulatory Affairs is an equal opportunity employer/program.

Presenters . . .



Kristin Osterkamp

Kristin Osterkamp was appointed to MIOSHA's Consultation Education and Training (CET) Division in September 2006 and provides service to the SE counties of Michigan for industrial hygiene issues. Kristin has over 14 years of experience as an Industrial Hygienist and safety professional working for MIOSHA CET, Delphi, Michigan Consolidated Gas Company (Michcon), and MIOSHA enforcement. Prior to joining MIOSHA's CET Division, she worked for Delphi as a Division Industrial Hygienist, with global responsibilities for 25 sites and as a Site Safety Supervisor for Delphi's Engineering Center in Troy, MI.



Jeff Kelley

Jeff Kelley joined the Consultation Education & Training Division after spending over 15 years as a MIOSHA compliance officer. Jeff has provided training & assistance to employers and employees in the Macomb, St. Clair, and Wayne counties for the past three years. While working as a MIOSHA compliance officer, Jeff increased his knowledge in power presses, both hydraulic and mechanical, wood working and metal working machines, and other manufacturing operations. As a compliance officer Jeff investigated over 75 workplace fatalities, and hundreds of industrial accidents.

Also Presenting: Carla Mose, Supervisor, General Industry
Safety and Health Division, MIOSHA

Program Details

DATE: August 3, 2011

LOCATION: Eastern Michigan University
Livonia Center
38777 W. Six Mile Road
Livonia, Michigan 48152

COST: \$80 per person.
Includes continental breakfast,
lunch, and course materials.

TIME: Check-in - 8:30 a.m.
Program - 9:00 a.m. to 4:00 p.m.

DEADLINE: Register by July 20, 2011
Please register early!

CONTACT: Arlene Cook - 734.487.6991 or
acook@emich.edu

COSPONSOR: *Eastern Michigan University*

If this valuable seminar doesn't fit with your schedule or position, please pass this flyer on to a colleague.

How to Register

Industrial Laser Safety

Five Easy Ways to Register . . .

- ▶ **Phone:** 734.487.6991 or
Toll Free: 800.932.8689
- ▶ **Fax:** 734.481.0509
- ▶ **Email:** acook@emich.edu
- ▶ **Online:** www.emuosha.org
Click: *Course Schedule*
Select: *MIOSHA Co-sponsored Seminar Offerings*
- ▶ **Mail:** Eastern Michigan University
103 Boone Hall
Ypsilanti, Michigan 48197-2212
Attn: Arlene Cook

Please enclose check or money order
made payable to: Eastern Michigan University

Complete Separate Registration Form For Each Attendee.

Name: _____
Company Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
Email: _____
American Express ☐ MasterCard ☐ Visa ☐
Credit Card #: _____ Exp. Date: _____
Credit Card Verification Code: _____
Signature: _____

All meetings are accessible and barrier free. Please contact the cosponsor or CET Division, at least two weeks in advance, to request necessary accommodations.